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1644/IFW
6

PTO/SB/21 (6-99)

Approved for use through 09/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	09/847,208
		Filing Date	May 1, 2001
		First Named Inventor	Andrew Saxon
		Group/Art Unit	1644
		Examiner Name	Phuong N. Huynh
Total Number of Pages in This Submission		Attorney Docket Number	39754-0672A

ENCLOSURES (check all that apply)

Fee Transmittal Form

Fee Attached

Amendment / Response

Exhibits

Affidavits/declaration(s)

Extension of Time Request

**Information Disclosure Statement
with PTO-1449**

Certified Copy of Priority
Document(s)

Response to Missing Parts/
Incomplete Application

Response to Missing
Parts under 37 CFR
1.52 or 1.53

Assignment Papers
(for an Application)

Drawing(s)

Licensing-related Papers

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation
Change of Correspondence Address

Terminal Disclaimer

Small Entity Status Claimed

Statement under 3.73(b)

After Allowance Communication
to Group

Appeal Communication to Board
of Appeals and Interferences

Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)

Status Letter

**Additional Enclosure(s)
(please identify below):**

106 References and Return Receipt
Postcard

Remarks

**AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT 08-1641 (ATTORNEY
DOCKET NO.: 39754-0672) FOR ANY FEES DUE IN CONNECTION WITH THIS
PAPER.**

SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm
or
Individual name Leslie Mooi, Reg. No.: 37,047, HELLER EHRMAN LLP

Signature Leslie Mooi

Date December 13, 2005 Customer Number: 25213

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Typed or printed name Jason A. Gonzalez

Signature [Handwritten Signature] Date December 13, 2005

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$)** **180.00**

Complete if Known

Application Number	09/847,208
Filing Date	May 1, 2001
First Named Inventor	Andrew Saxon
Examiner Name	Phuong N. Huynh
Art Unit	1644
Attorney Docket No.	39754-0672A

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number
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08-1641 (39754-0672A)
HELLER EHRMAN LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
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FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 300	2001 150	Utility filing fee	
1002 200	2002 100	Design filing fee	
1003 200	2003 100	Plant filing fee	
1004 300	2004 150	Reissue filing fee	
1005 200	2005 100	Provisional filing fee	
SUBTOTAL (1) (\$)		0	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Fee from below	Fee Paid
Fee Code (\$)	Fee Code (\$)		
Total Claims		-20** =	
Independent Claims		X	
Multiple Dependent		=	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	
1202 50	2202 25	Claims in excess of 20
1201 200	2201 100	Independent claims in excess of 3
1203 360	2203 180	Multiple dependent claim, if not paid
1204 200	2204 100	** Reissue independent claims over original patent
1205 50	2205 25	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		0

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity
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Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 120	2251 60	Extension for reply within first month	
1252 450	2252 225	Extension for reply within second month	
1253 1,020	2253 510	Extension for reply within third month	
1254 1,590	2254 795	Extension for reply within fourth month	
1255 2,160	2255 1,080	Extension for reply within fifth month	
1401 500	2401 250	Notice of Appeal	
1402 500	2402 250	Filing a brief in support of an appeal	
1403 1,000	2403 500	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 500	2452 250	Petition to revive - unavoidable	
1453 1,500	2453 750	Petition to revive - unintentional	
1501 1,400	2501 700	Utility issue fee (or reissue)	
1502 800	2502 400	Design issue fee	
1503 1,100	2503 550	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 790	2809 395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 790	2810 395	For each additional invention to be examined (37 CFR 1.129(b))	
1801 790	2801 395	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180**

(Complete if applicable)

Name (Print/Type)	Leslie Moon	Registration No. (Attorney/Agent)	37,047	Telephone	650.324.6786
Signature	<i>Leslie Moon</i>			Date	Dec 13, 2005

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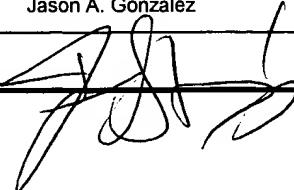
This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Typed or print name	Jason A. Gonzalez		
Signature 	Date	December 13, 2005	



PATENT

Attorney Docket No.: 39754-0672A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Andrew Saxon, et al.)
Application No.: 09/847,208) Art Unit: 1644
Filed: May 1, 2001) Examiner: Phuong N. Huynh
Title: Fusion Molecules and Treatment of IgE-Mediated)
Allergic Diseases)

INFORMATION DISCLOSURE STATEMENT

UNDER 37 C.F.R. §1.97

Mail Stop: Amendment
Commissioner for Patents
P.O. Box 1450
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Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy is provided of each foreign patent, each cited pending unpublished U.S. application, and all additional publications other than U.S. patents and U.S. patent application publications. 37 C.F.R. §§1.97-1.98.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

12/15/2005 GWORD01 00000044 081641 09847208

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- This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):
- (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)
-- OR --
- (2) It is being filed within 3 months of entry of a national stage
-- OR --
- (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- a certification as specified in §1.97(e) is provided below; or
- a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
- A. a certification as specified in §1.97(e) is completed below; and
- B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; and
- C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- Fee Authorization.* The Commissioner is hereby authorized to charge the above-referenced fees of \$180.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 08-1641 (Docket No.: 39754-0672A).

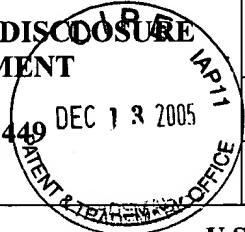
Respectfully submitted,

HELLER EHRLMAN LLP

Dated: December 13, 2005

By: Leslie Mooi
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INFORMATION DISCLOSURE STATEMENT 		ATTY. DOCKET NO. 39754-0672A		SERIAL NO. 09/847,208		
		APPLICANT: Andrew Saxon, et al.				
		FILING DATE: 05/01/2001		GROUP: 1644		
		U.S. PATENT DOCUMENTS				
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,141,648	08/25/1992	Hylarides, et al.	210	635	
	5,358,710	10/25/1994	Sehon, et al.	424	178.1	
	5,512,283	04/30/1996	Byers, et al.	424	171.1	
	5,558,869	09/24/1996	Burks, Jr., et al.	424	276.1	
	5,560,915	10/01/1996	Patterson, et al.	424	275.1	
	5,637,454	06/10/1997	John B. Harley	435	005	
	5,645,820	07/08/1997	David Allen Halfer, et al.	424	041	
	5,672,683	09/30/1997	Friden, et al.	530	350	
	5,736,507	05/07/1998	Anna Maria Boots, et al.	514	002	
	5,843,449	12/01/1998	Anna Maria Boots, et al.	424	185.1	
	5,869,093	02/09/1999	Howard L. Weiner, et al.	424	451	
	5,880,103	03/09/1999	Urban, et al.	514	44	
	5,977,307	11/05/1999	Friden, et al.	530	350	
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	6,228,373	05/08/2001	Bergstrand, et al.	424	278.1	
	6,228,374	05/08/2001	Bergstrand, et al.	424	278.1	
	6,287,792	09/11/2001	Pardridge, et al.	435	7.5	
	6,372,250	04/16/2002	Pardridge, et al.	424	450	
FOREIGN PATENT DOCUMENTS						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
	WO 2000/005254	3 February 2000	WIPO	C07K	14/47	<input type="checkbox"/> <input checked="" type="checkbox"/>
	WO 1999/067293	29 December 1999	WIPO		16/46	<input type="checkbox"/> <input checked="" type="checkbox"/>
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
	Alvarez-Fernandez, Marcia, et al., "Inhibition of Mammalian Legumain by Some Cystatins Is Due to a Novel Second Reactive Site", The Journal of Biological Chemistry, Vol. 274, No. 27, Issue of July 2, pp. 19195-19203, 1999					
EXAMINER		DATE CONSIDERED				

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT PTO-1449	ATTY. DOCKET NO. 39754-0672A	SERIAL NO. 09/847,208
	APPLICANT: Andrew Saxon, et al.	
	FILING DATE: 05/01/2001	GROUP: 1644

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	American Autoimmune Related Diseases Association, Questions and Answers, pp. 1-4, 07/26/2001 (http://www.aarda.org/questions_and_answers.html)
	Resources for Health Professionals: Anaphylaxis, pp. 1-10, 09/18/2001 (http://www.worldallergy.org/professional/allergy_update/anap.../anaphylaxissynopsis.shtml)
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	AroTec Diagnostics Limited - β 2-Glycoprotein 1 (human), pp. 1-3, July 12, 2001 (http://webnz.com/arotec/masa5002.htm)
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	AroTec Diagnostics Limited - Proteinase 3 (cANCA) Antigen, pp. 1-3, July 12, 2001 (http://webnz.com/arotec/masa5008.htm)
	AroTec Diagnostics Limited - La (SSB) Antigen, pp. 1-3, July 12, 2001 (http://webnz.com/arotec/masa5010.htm)
	AroTec Diagnostics Limited - Ro (SSA) Antigen, pp. 1-3, July 11, 2001 (http://webnz.com/arotec/masa5011.htm)
	AroTec Diagnostics Limited - Sm Antigen, pp. 1-3, July 12, 2001 (http://webnz.com/arotec/masa5007.htm)
	AroTec Diagnostics Limited - RNP/Sm Antigen, pp. 1-3, July 12, 2001 (http://webnz.com/arotec/masa5006.htm)
	AroTec Diagnostics Limited - Scl-70 Antigen, pp. 1-3, July 12, 2001 (http://webnz.com/arotec/masa5001.htm)
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EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	APPLICANT: Andrew Saxon, et al.	
	FILING DATE: 05/01/2001	GROUP: 1644

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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	BAJRAMOVIC, JJ, et al., “Presentation of α B-Crystallin to T Cells in Active Multiple Sclerosis Lesions: An Early Event Following Inflammatory Demyelination”, The American Association of Immunologists, Vol 164, pp. 4359-4366, 2000
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	EARNSHAW WC, et al., “Identification Of A Family Of Human Centromere Proteins Using Autoimmune Sera From Patients With Scleroderma”, (abstract) Chromosoma, 91(3-4):313-321, 1985
	ELKON, KB, et al., “Lupus Autoantibodies Target Ribosomal P Proteins”, (abstract) J Exp Med, 162(2): 459-471, August 1 1985
EXAMINER	DATE CONSIDERED

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	FILING DATE: 05/01/2001	GROUP: 1644

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

FABIEN N., et al., "Autoantibodies Directed Against The Ribosomal P Proteins Are Not Only Directed Against A Common Epitope Of The P0, P1 And P2 Proteins", (abstract) J Autoimmune, 13(1): 103-110, August 1999
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EXAMINER

DATE CONSIDERED

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	FILING DATE: 05/01/2001	GROUP: 1644
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	KARLSSON, F.A., et al., "Major Parietal Cell Antigen in Autoimmune Gastritis with Pernicious Anemia is the acid-producing H+, K+adenosine Triphosphatase of the Stomach", (Abstract) J Clin Invest, 81(2):475-9, February 1988	
	KOZLOWSKI, MAYA, et al., "SHP-1 Binds and Negatively Modulates the c-Kit Receptor by Interaction with Tyrosine 569 in the c-Kit Juxtamembrane Domain", Molecular and Cellular Biology, pp. 2089-2099, Vol. 18, No. 4, April 1998	
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	Kronus, "Celiac Disease", Tissue Transglutaminase (tTg) Autoantibody, (http://www.kronus.com/products/celiac.html), July 30, 2001	
	Kronus, "Diabetes", (http://www.kronus.com/products/diabetes.html), July 30, 2001	
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